

### Calibration Certificate

Following voltages have been checked & adjusted on Bio Chemistry Analyzer Trace 200 (Marketed By AAMX Biomedicals) Sr. No. AES2K2KH04065 at Elixir Diagnostic Centre, A-5/238, Ground Floor, Near A-5 DDA Market, Paschim Vihar, New Delhi-110063.

System Voltages DC are in the specified range –Checked by Digital Multimeter are as below:

S.No.	Module	Observed Value	Acceptable Range
1	Main Power Supply	223 VAC	220 +/- 5.0 VAC
2	24 Voltage Supply	24.2 VDC	24.0 +/- 0.5 VDC
3	12 Voltage Supply	12.2 VDC	12.0 +/- 0.5 VDC
4	Liquid Level Sensor Board Supply	4.52 VDC	4.50 +/- 0.1 VDC

System Temperature values are in the specified range –Checked by Digital Thermometer are as below:

S.No.	Module	Observed Value	Acceptable Range
1	Reaction Disk Temp.	37 °C	37 +/- 0.4 °C
2	Reagent Compartment Temp.	10 °C	8 to 12 °C

Photometer Adjustment Values are within range as recommended:

S.No.	Module	Observed Value	Acceptable Range
1	Background Count for all Wavelength	27,700 to 44,000	20,000 to 62,000

Washing Dispense are Ok volume dispensed measured on Digital Weighing Machine:

S.No.	Module	Observed Value	Acceptable Range
1	Interior Washing	3.01 mL	3.00 +/- 500uL
2	Exterior Washing	3.01 mL	3.00 +/- 500uL

- All other mechanisms have been checked through software and found OK.
- Performed calibration for End Point, Kinetic & Fixed Time-Kinetic. Run control & sample, Results are satisfactory.
- Next Calibration will be performed on **02/05/2024**.

For AAMX Biomedicals,



**Nitin Choudhary**  
Zonal Manager

Date : 03/05/2023

Test  Reagent  Calibration  QC  Maintenance  System Setting 



**Start Condition**

**System Status**  
Cuvette Temperature: 37.1  
DI Water: Normal  
Waste Water: Normal  
Detergent: Normal

**Test Information**  
Total Samples: 0  
Blank Tests: 0  
Calibration Tests: 0  
Control Tests: 0  
Routine Tests: 0

Start

Masking

Return

Start Cond  Sample Stop  Stop  Alarm  Shut Down  Log Off  About 

Test Reagent Calibration QC Maintenance System Setting

Calibration Register Calibration Results

No.	TestName	Unit
1	Glucose	
2	AST(OT)	
3	ALT(PT)	
4	ALP	
5	TBIL	
6	DBIL	
7	Cal	
8	Chol	
9	Creat	
10	HDL-C	
11	Phos	
12	TP	
13	TG	
14	UA	
15	UA	
16	Urea	
17	Amy	
18	LDH	
19	HbA1c	
20	Ion	
21	GOT	
22	ALP-E	
23	UIBC	
24	CRP	
25	lipase	
26	CPK NK	
27	CPK MB	
28	RA-F	
29	IGE AV	
30	FERRI	
31	mALB B	
32	AMMONIA	
33	MAG AV	

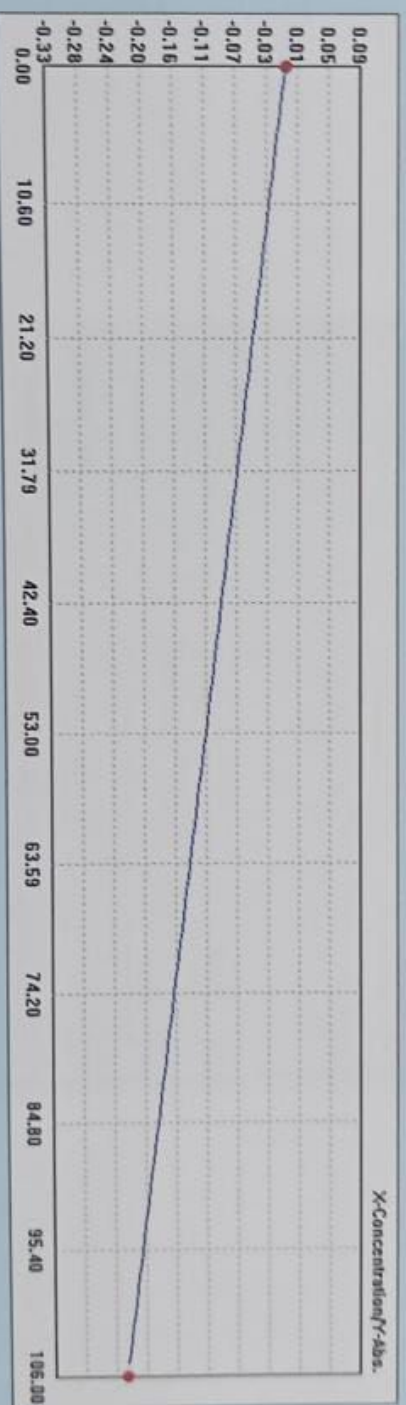
Calibration Type: 2 point linear

TestDate: 2023-05-03 11:48:36

S1 Abs.: -0.0099      K Value: -470.6927

Blank Type: A      B      C

Reaction Curve      Calibration Trace

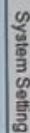
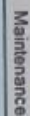


Standard	Concentration	Abs.	Position
<0>	0.0	-0.0099	38
<1>	106.0	-0.2351	39

Save

zstator-admin      Type here to search      12:54 PM 03/05/2023      12:55 PM 03/05/2023

Start Cord      Sample Stop      Stop      Status      Alarm      Shut Down      Log Off      About



Calibration Register Calibration Results

No.	Test Name	Hint
1	Glucose	
2	Alb	
3	AST(OT)	
4	ALT(PT)	
5	ALP	
6	TBIL	
7	DBIL	
8	Cal	
9	Chol	
10	Creat	
11	HDL-C	
12	Phos	
13	TP	
14	TG	
15	UA	
16	Urea	
17	Amy	
18	LDH	
19	HbA1c	
20	Iron	
21	GGT	
22	ALP-E	
23	UBC	
24	CRP	
25	lipase	
26	CPK NK	
27	CPK MB	
28	RA-F	
29	IGE AV	
30	FERRI	
31	mALB B	
32	AMMONIA	
33	MAAG AV	

Calibration Type

2 point linear

S1 Abs.

K Value

Blank Type

A

B

C

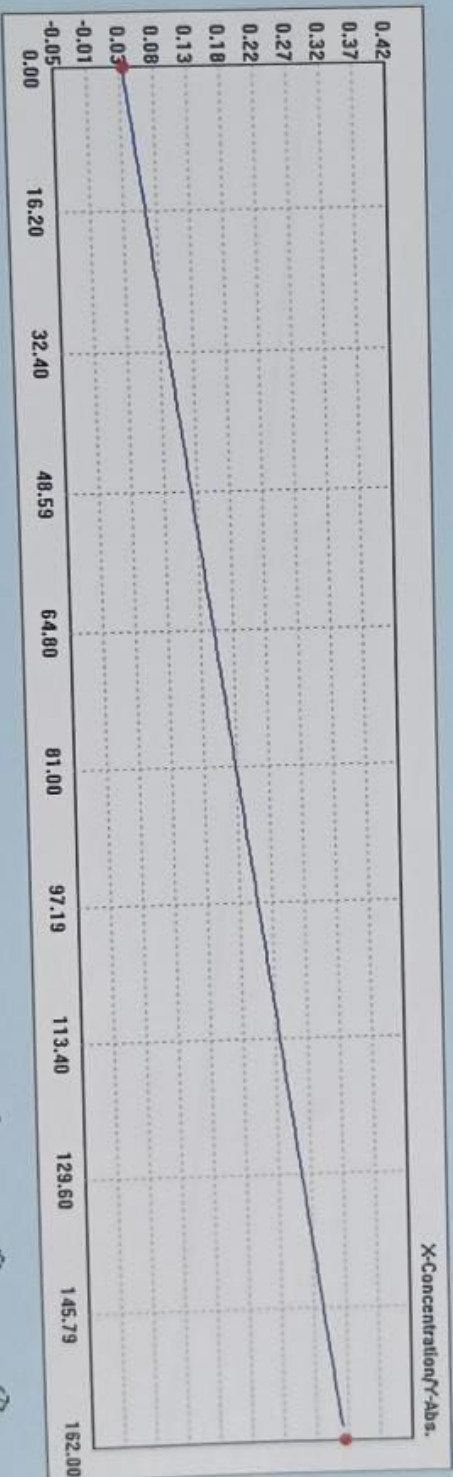
Reagent

Test Date

2023-05-03 11:48:22

Reaction Curve

Calibration Trace



Standard Concentration	Abs.	Position
0.0	162.0	<0>
0.0372	0.3151	38
		39
		<1>
		<2>
		<3>
		<4>
		<5>
		<6>
		<7>

Save

Operator admin



About

Log Off

Shut Down

Alarm

Status

Stop

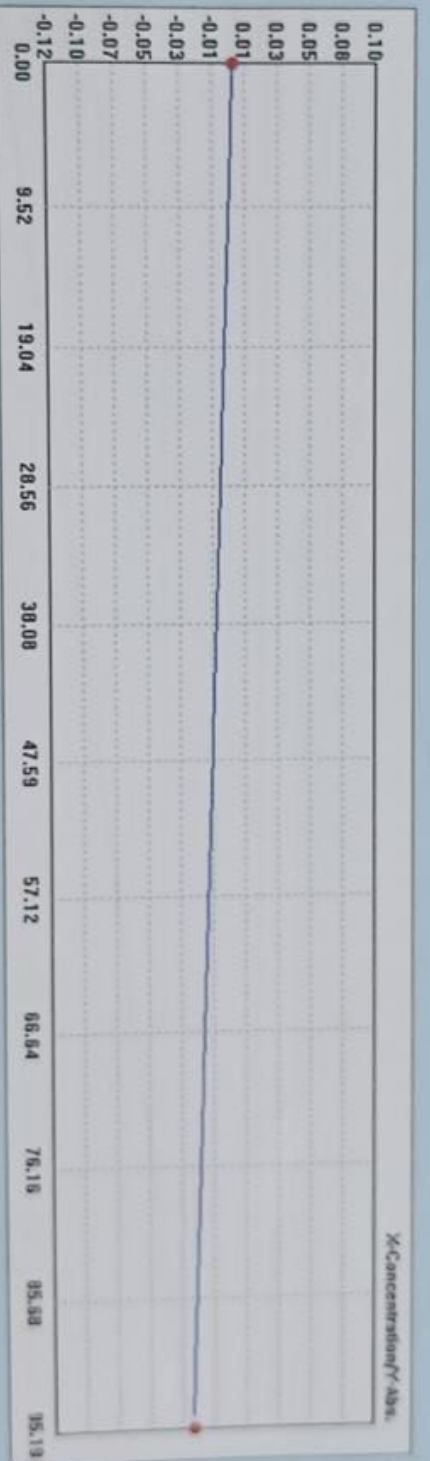
Sample Stop

Start/Cond

No	Test Name	Unit
1	Glucose	
2	Alb	
3	AST(OT)	
4	ALT(PT)	
5	ALP	
6	TBIL	
7	DBIL	
8	Cal	
9	Chol	
10	Creat	
11	HDL-C	
12	Phos	
13	TP	
14	TG	
15	UA	
16	Urea	
17	Amy	
18	LDH	
19	HbA1c	
20	Iron	
21	GGT	
22	ALP-E	
23	UIBC	
24	CRP	
25	lipase	
26	CPK INK	
27	CPK MB	
28	RA-F	
29	IGE AV	
30	FERRI	
31	mALB B	
32	AMMONIA	
33	MAG AV	

Calibration Type: 
 SI Abs: 
 K Value: 
 Blank Type: 
 Reagent:

Test Date: 
 Reaction Curve: 
 Calibration Trace:



Standard	Concentration	Abs.	Position
0.0	0.0	-0.0003	38
95.2	95.2	-0.0311	39

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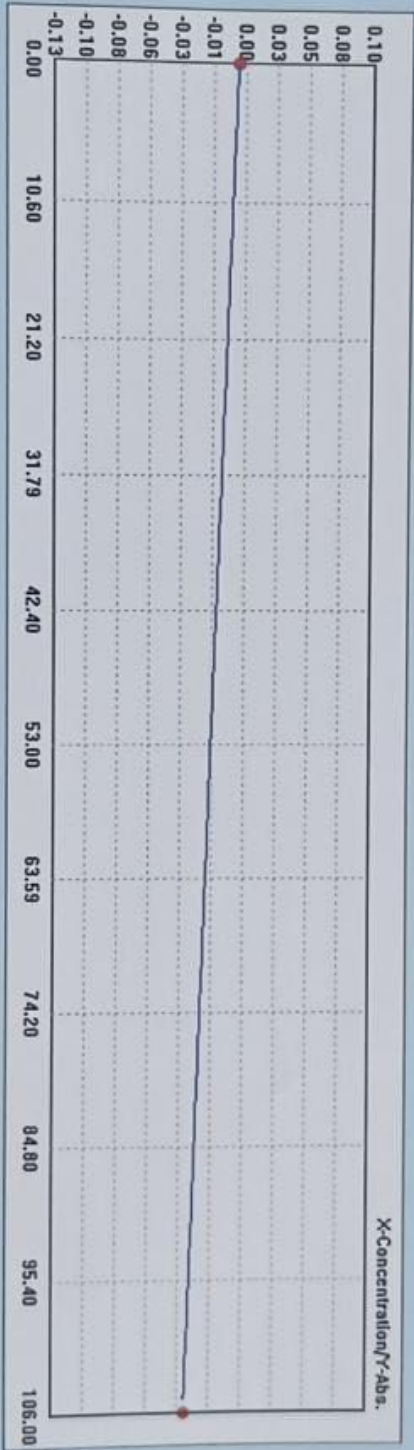
Calibration Register

No.	Test Name	Hint
1	Glu	
2	Alb	
3	ASTROT	
4	ALTPT	
5	ALP	
6	TBL	
7	DBI	
8	Cal	
9	Chol	
10	Creat	
11	HDL-C	
12	Phos	
13	TP	
14	TG	
15	UA	
16	Urea	
17	Amy	
18	LDH	
19	HbA1c	
20	Ion	
21	GGT	
22	ALP-E	
23	UBC	
24	CRP	
25	lipase	
26	CPK NK	
27	CPK MB	
28	RA-F	
29	IGE AV	
30	FERRI	
31	mALB B	
32	AMMONIA	
33	MAG AV	

Calibration Type: 2 point linear

Test Date: 2023-05-03 12:47:20

S1 Abs.: -0.0004      K Value: -2888.2834  
 Blank Type: A      B: 0.0000      C: 0.0000  
 Reagent: \_\_\_\_\_  
 Reaction Curve      Calibration Trace



Standard	Concentration	Abs.	Position
<0>	0.0	-0.0004	38
<1>	106.0	-0.0371	39
<2>			
<3>			
<4>			
<5>			
<6>			
<7>			

Save

12:53 PM 03/03/2023

